



# ELBA

## **INDUCTION COOKER** **Model: EIC-A2010S**

### Owner's Manual

Please read this manual carefully  
before operating your set

Retain it for future reference

Record model number and serial  
number of the set

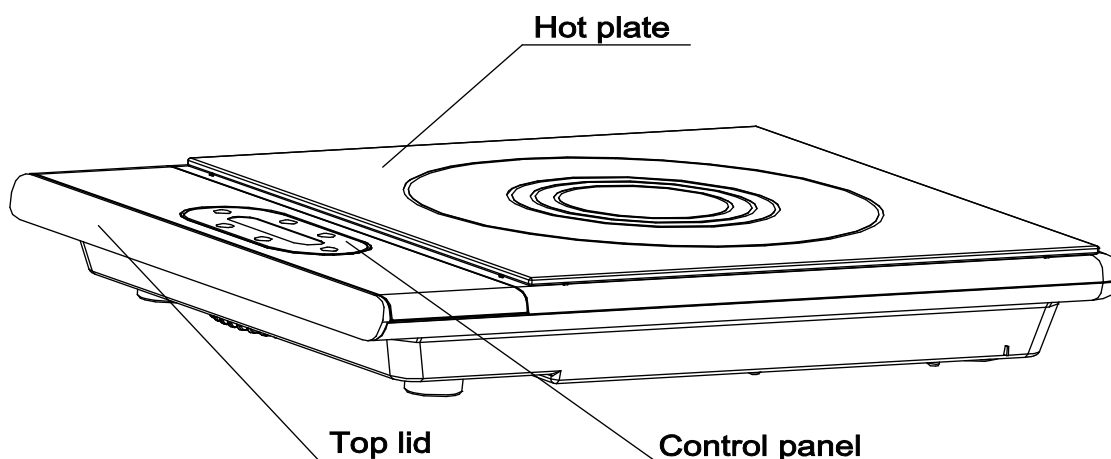
See the label attached on the set  
and quote this information to your  
dealer when you require service

**For The Warranty Terms & Conditions, Please Refer To Warranty Certificate**

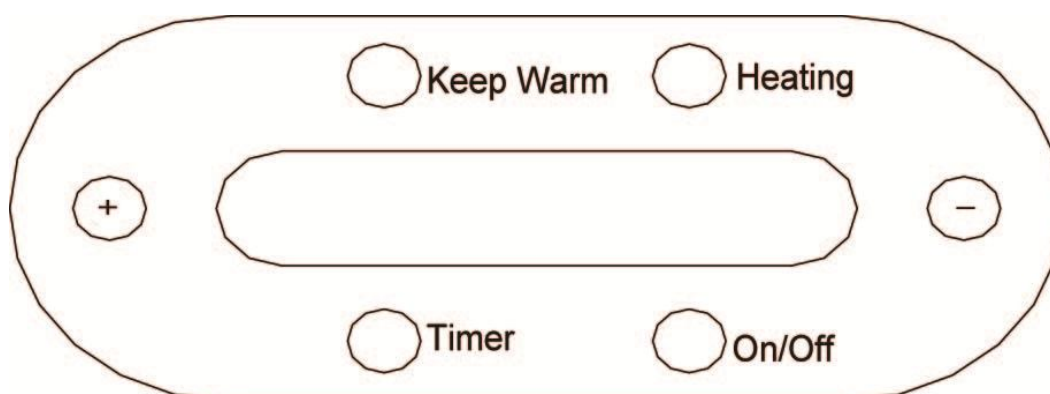
## IMPORTANT SAFEGUARDS

1. Read all instructions before using.
2. Do not dismantle and refit parts or repair the induction cooker on your own.
3. Do not contact the plug with wet hands.
4. Do not let the power cord remains plugged when not in use.
5. Do not use the appliance when the power cord is damaged or the plug is not properly inserted.
6. Never bend or bind the power cord or apply by excessive force, otherwise it may cause damage. If power cord is damaged, it must be replaced by the manufacturer or its service center or a similarly qualified person in order to avoid hazards.
7. Place the appliance on a stable surface.
8. Never use the appliance where it is likely to subject to damp or close to fire.
9. Never rinse the appliance directly with water to avoid damaging the appliance.
10. Never use the appliance at the place where it can be reached by children.
11. Do not cook without load or overload of food. Otherwise it will cause deformation of the cooker.
12. Metallic objects such as knife, forks, spoons, lids should not be placed on the hot plate.
13. Do not carry the appliance during operation.
14. Do not drop objects onto the hot plate, in case hot plate cracks, immediately turn off the power supply and unplug the plug from the power socket and send it for repair.
15. The content of the food loaded in the pan should not be exceeding 4 kg; otherwise it will cause damage and malfunction of the appliance.
16. Continuous operation time shall not exceed 4 hours.
17. After cooking, high heat temperature that produced from the pan will conduct onto the appliance, NEVER touch the hot plate immediately after used.
18. When using high frequency, noise will be heard as it is the result of the metal materials of pan, it is not malfunction. While operating the appliance, the running sound of fan will be heard as the fan will rotate for quite sometimes to reduce the inner heat.
19. Do not place a sheet of paper between the pot / the pan and the hot plate. The paper may get burnt!
20. Do not place the appliance near objects which will be affected by magnet; such as: radios, televisions, automatic-banking cards and cassette tapes.
21. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliances by a person responsible for their safety.
22. Children should be supervised to ensure that they do not play with the appliance.
23. This appliance is intended to be used in household and similar applications.
24. The appliance is not intended to be operated by means of an external timer or separate remote-control system.
25. Save these instructions for future reference.

## PRODUCT ILLUSTRATION



## CONTROL PANEL



## OPERATING THE APPLIANCE

1. Insert the plug to the power socket, and a buzzer sound "Beep" will be heard once, LCD will display "-- --", indicating the unit is energized.
2. Place the pan in the center of the hot plate. Press On/Off button to start the unit. LCD will display "0 0 0 0". Press the heating button within 5 seconds, and the fan will start running. The default power is 2000W. Power can be adjusted by pressing "+" or "-" button to select your desired wattage at: 400W- 800W- 1000W- 1200W- 1400W- 1600W- 1800W- 2000W.

NOTE: If no pan placed on the hot plate, the LCD will display "E0" and buzzer sound "Beep" will be heard at an interval of 3 seconds. The appliance will be shut off automatically after 60

seconds.

3. Press keep warm button to enter keep warm setting. The default temperature is 240°C. Keep warm temperature can be adjusted by pressing “+” or “—” button to select the temperature of: 60□, 100□, 140□, 180□, 220□, 240□. When the temperature rises above the temperature set, the program will in automatic protection mode.
4. On the state of heating or keep warm mode, you can set the time to shut-off the power by pressing timer button LCD will display “0 0 0 0”.
  - a) Within 5 seconds press “+” or “—” button to set hour. The maximum time able to be set is 23 hours. The “+” and “—” buttons can be hold to scroll through the digits, or pressed and released to adjust one digit at a time.

Note: If the hour is not adjusted within 5 seconds, the timer setting will revert to previous mode status. Repeat step 4 and (a) to allow hour setting again.
  - b) After setting the hour then enter the minute setting. The minute setting range is from 0 to 59 minutes. If the minute is not adjusted within 5 seconds, the timer setting will revert to previous mode status. Repeat step 4, (a) and (b) to allow minute setting again. Press the Timer button once again to confirm the time setting, and buzzer sound “Beep” will be heard.
5. After the set timer, the cooker will automatically stop operating and all indicators will be extinguished.

Note: The operation process can be terminated at any time by pressing the On/Off button. When cooking program is ended, the integrated cooling fan will continue running for 30 seconds.
6. After cooking, unplug the power cord from the power socket.

## **OPERATION PRINCIPLE**

The operation principle of this induction cooker is achieved by the current produced of magnetic field induction which electron circuitry board produces alternate magnetic field. When the bottom of the pan containing metal material and placed on the hot plate, the pan will immediately cut the alternate magnetic field and then the metal part of pan bottom produces the current (whirlpool), it makes iron molecule run irregularly at high speed, following the collision and friction between molecules produce heat energy which makes the appliance heat promptly, so that the purpose of cooking food is achieved.

## PRODUCT ADVANTAGE

1. High efficiency, energy saving and environmental protection: cooker body is heating part itself, so heat efficiency is very high and save energy greatly. When cooking food with induction cooker, there will be free of visible fire, smoke and waste gas, bear environment protection effect, safe and clean.
2. Wider applicable voltage range: the unit will automatically adjust the wattage according to the power voltage, so it could avoid the trouble resulting from the voltage fluctuation.
3. Perfect safety protection function: the unit has a safe protection function for over voltage, under voltage or sudden voltage change.
4. Accurate and perfect inspection for pan quality and no-load protection function: the unit can detect whether the material or size of pan is applicable. When the pan is moved away from the hot plate, the cooker will immediately stop heating and after 60 seconds, the power will be cut off.
5. Start self-diagnosis function and 2 hours timing shut-off function: it can judge whether the induction cooker and the operation are appropriate. If the induction cooker did not operate after 2 hours, the power will be off automatically.
6. Multi-section wattage adjustment and multi-section temperature control: convenient and agile to use. The temperature control compensation feature will set the temperature accurately.
7. Multi-heating function: perform different cooking demand according to different power.

## SAFETY PROTECTION EQUIPMENT

### 1. Over voltage protection and under voltage protection

When the power voltage is too high or too low, the induction cooker will automatically compensate the voltage and adjust the output power.

### 2. Small metal part protection

For small iron metal which the diameter is less than 80mm, no power will be output to avoid abnormal heating.

### 3. No pan or improper pan protection

When no utensil is placed on the hot plate or the utensil is deviated greatly from the center, or the material of the utensil is not applicable, the power will not be output and buzzer sound will be heard to alert you to reposition of the utensil.

### 4. Over temperature protection

When the temperature of the hot plate is too high, the power output of the cooker will stop automatically and long buzzer sound will be heard to alert you until the temperature returns to normal.








### 5. High voltage pulse protection

During operation, when power supply receives a transient high voltage pulse (such as lightning strike), the cooker will stop operating for a while, and the cooker will resume automatically

## COOKING UTENSIL SELECTION







### 1. Useable pans

Steel or cast iron, enameled iron, stainless steel, flat-bottom pans/pots with diameter more than 18.5cm.

 Stainless steel pot	 Iron plate	 Enameled iron pot	 Iron or enameled iron pot
 Castiron pan	 Iron pot	 Iron plate	

## 2. Non-usable pans

Heat-resistant glass, ceramic container, copper, aluminum pans/pots. Round-bottom pans/pots with bottom diameter less than 18.5cm.

 Heat-resistant glass pot	 Rounded bottom pot	 Aluminum/copper pot
 Ceramic pot	 Bottom measuring less than 12cm	 Pot with stands

## MAINTENANCE AND CARE

1. Please unplug the plug from the power socket after use.
2. Wipe the cooker body, hot plate and control panel with soft and wet cloth, neutral cleanser may be used for firm oil stain, and then wipe the remained residue with soft and wet cloth.
3. Never rinse the cooker directly with water or immerse it in water.

## TROUBLE SHOOTING

TROUBLE	CHECKING POINT
After you have connected the plug to the power socket and switch on the power button, no beep sound and light indicator.	Please check if the plug has removed from the power socket.
	Whether the power switch or fuse in your home is cut off.
	Whether the power is cut off.
With continuous 15 seconds beep sound and then the cooker stop operating.	Please check whether the pan has placed in a proper position.
	Whether the pan is centered on the hot plate.
	Whether the bottom diameter of the pan is more than 18.5cm.
When operating the cooker, the cooker suddenly stops function.	Please check whether the ambient temperature is too high.
	Possible of the cooker reach the earlier temperature

	setting.
	After 10 minutes, please check the LCD display whether it is operating.
When grilling food or keep warm mode; the temperature cannot be set.	Check whether the bottom of the pan is concavo-convex or the bottom center is concave.
	Whether the power indicator is switch on.

The induction cooker will stop heating if the following malfunctions occur, and after 3 seconds, the display will show the malfunction alarm, the malfunction code will show on the center of display, you can clear the display by pressing the switch button, and the appliance will enter into standby mode.

DISPLAY	DIRECTION
E0	check whether the pan is in place
E1	the circuit is malfunctioned
E2	the temperature sensor is open-circuited or short-circuited
E3	the voltage is higher (260V-275V)
E4	the voltage is lower (145V-165V)
E5	the cooker surface temperature is higher
E6	IGBT temperature is higher than 95℃ for 3s
E7	the IGBT temperature sensor is open-circuited or short-circuited

## ENVIRONMENT FRIENDLY DISPOSAL



You can help to protect the environment!

Please remember to respect the local regulations: hand in the non-working electrical equipments to an appropriate waste disposal centre.



**ELBA**